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Fax Number: 1-571-273-8300	Fax Number: 1-410-666-7274

Message:

27 July 2006

ATTN: OFFICE OF PUBLICATIONS

Dear Sir or Madam:

Please process the attached publication correction request, for Appl. # 10/540,587, as soon as possible. If you have any questions, just give me a call at 410-628-7770.

Best regards,

John A. Galbreath

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In the United States Patent and Trademark Office

Serial Number: 10/540,587 ; Publication Number: 20060155388 A1
Appn. Filed: U.S. Nat. Phase Filing date: 25 June 2005
Applicant(s): Pietrzyk, Andrzej
Appn. Title: System of three-dimensional multipurpose elements
Examiner/GAU: N/A / 2121

Publication Correction Request

Mail Stop PGPUB
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

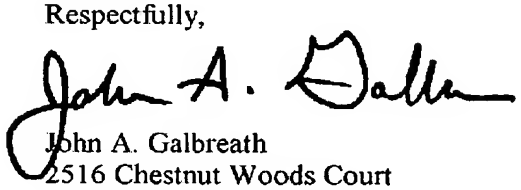
Dear Sir or Madam:

The above-referenced application was published on 13 July 2006, and the publication contains an error. This error must have occurred when the Office converted the published international application to its own publication format, since neither the international application nor the Article 19 amendments supplied with the national phase filing contain this error.

The error is highlighted on the attached sheet – it is in paragraph 18, line 5 of the specification as published. In the sentence beginning "Changes in the reciprocal...", the term "waits" is incorrect. It should instead be "walls".

Please correct this error as soon as possible, and republish the application. If you have any questions, just give me a call at 410-628-7770.

Respectfully,



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Certificate of Fax Transmission: I certify that on the date below, this document and referenced attachments, if any, was faxed to the U.S. Patent Office at 571-273-8300.

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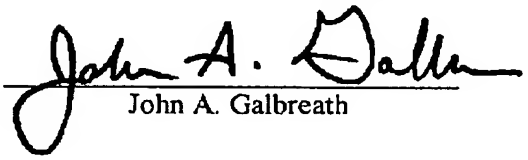

John A. Galbreath

0015] FIG. 5--an outlined permanent connection of five single elements of the system making the real structure,

[0016] FIG. 6--a picture of a real, three-dimensional structure made up of five single elements of the system, and finally,

[0017] FIG. 7 shows a simplified view of a mobile container with single elements of the system placed in it.

"waits" is incorrect - it should be "walls"

BEST MODE FOR CARRYING OUT THE INVENTION

[0018] A single element of the system of three-dimensional multipurpose elements consists of a casing made up of walls 6 linked to each other by means of electroplastic actuators 3 which can change the reciprocal position of the walls 6 of the casing of a single element of the system of three-dimensional multipurpose elements through tensioning or slackening. Changes in the reciprocal position of the ~~waits~~ 6 occur according to the exciting signal transmitted from a programmable integrated circuit 1. Heat emitters 14 carry away both excess heat generated in the process of changes of reciprocal position of the walls 6 of the casing of a single element and the heat from other system devices. Inside a single element there are provided interlocks 7 for connecting respective single elements, magnetic coils 8 and a voltage DC source 5 supplying the integrated circuit 1, interlocks 7, magnetic coils 8 and electroplastic actuators 3.

[0019] The voltage source 5 is renewable due to supply from solar batteries 4. The light to the solar batteries is carried in light pipes 2, which also carry both informations on the object 10 and program instructions 12 to the integrated circuit 1.

[0020] In the inactive state, the single element of the system of three-dimensional multipurpose elements has all walls 6 of the casing polarised with identical [negative or positive] magnetic poles. In the active state, the respective walls 6 of the casing of a single element may be polarised with different magnetic poles. Polarisation on the respective walls 6 of the casing of a single element of the system depends on the position of the given element of the system in the real structure under creation 9 according to the virtual structure of the object 10 programmed in the integrated circuit 1. The set of inactive single elements of identical magnetic polarity, placed in the container 11 [FIG. 7], is subject to a constant motion under control. As soon as an active single element of the system has appeared in the set of single inactive elements of the system, the nearest inactive element of the system is connected to the active element of the system. The first active single element of the system has the initial number 13 of the virtual structure of the object 10, marked 1, and corresponds to the same number in the real structure 9 under creation (FIG.6).